



California Emergency Management Agency

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Cal EMA Joins State, Federal and Local Partners To Launch New California Tsunami Inundation Maps

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-Secretary
Bettenhausen

On Thursday, December 17, 2009, representatives from the California Emergency Management Agency (Cal EMA), the California Geological Survey (CGS) and other state, federal, and local government officials participated in a press event to launch the newly updated California Tsunami Inundation Maps. Held at the Moscone Center in San Francisco, CA, and coinciding with the American Geophysical Union Conference, this media event provided all contributors an opportunity to discuss the value of such maps in the area of emergency preparedness.

The event also highlighted the meaningful partnerships between these agencies and the Tsunami Research Center

at the University of Southern California, which also contributed to producing the maps.

"California's coast is subject to

1964 Alaskan quake that spawned a deadly tsunami in Crescent City – it's important to educate the public, and prepare them for the very real

possibility of a tsunami emergency," said Cal EMA Secretary Matthew Bettenhausen.

This collaborative group, known as the California Tsunami Program, works closely with local government emergency planners to provide assistance and guidance to help prepare

communities for the next tsunami. For more than two years specialist have been

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Secretary Bettenhausen addressing the media and AGU participants—Photo by Robert A. Eplett

tsunamis from both local offshore earthquakes and underwater landslides, and distant sources, such as the

Senator Maldonado Joins Cal EMA Executives to Discuss California's Emergency Plan



Randy Schullery briefs Senator Maldonado on Warning Center Operations
—Photo by Robert A. Eplett

On Monday, December 14, 2009, Secretary Bettenhausen and the Cal EMA Executive team welcomed Senator and Lieutenant Governor Nominee, Abel Maldonado to the Cal EMA Headquarters for a tour of the facili-

ties and an extensive briefing on homeland security and emergency management operations.

In his first visit to Cal EMA Headquarters since being nominated for the position of Lt. Governor on November 23, 2009, Senator Maldonado sat down with Secretary Bettenhausen, Undersecretary McCarton, and Cal EMA's Executive Team to discuss California's emergency plan, Terrorism Threat Assessment

System, the Emergency Response Initiative (ERI) and other issues.

"Senator Maldonado has been a great supporter of emergency operations, in particular, the Emergency Response Initiative, which will strengthen our mutual aid systems," said Secretary Bettenhausen. "I welcome Senator Maldonado's interest in learning more about emergency operations in

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Looking Back and Moving Forward: Cal EMA

This last year has been a period of tremendous growth and achievement for the California Emergency Management Agency (Cal EMA). Almost a year ago to date, we officially joined offices and efforts to become a new and efficient agency to better serve the citizens of California. All partners in this endeavor, to include agency leadership, rank and file staff, and our many statewide partners, have worked tirelessly and in good faith to build California's new agency, and in doing so have achieved remarkable success.

At the core of these efforts was the development of our 2009-2014 Strategic Plan. This integrated all-hazards approach better leverages our resources and expertise in order to identify the most current threat and risk environment, while ensuring our first preventers/responders have the best tools and training to prevent, protect, respond to, and recover from all events, both natural and intentional.

Another cornerstone came in June of 2009, when we presented Governor Schwarzenegger with the 2009 California State Emergency Plan (SEP). This version of the SEP provides greater integration of prevention activities, and our federal and private partners, into our strategies to respond to

extraordinary emergency situations across the state.

Working to build greater partnership and inclusion, Cal EMA hosted three statewide Senior Leaders' Summits. These three summits provided a forum in which senior public safety leaders from across the state had the opportunity to gain awareness of ongoing homeland security and emergency management activities, share

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- Secretary Bettenhausen

best practices and forge new partnerships.

As we constantly strive to develop programs that will better position California for all possible emergencies and disasters, it is these partnerships that have been critical to the following successes: the expansion of Cal

EMA's Office for Access and Functional Needs, which serves to ensure that we plan for and partner with our citizens requiring additional support during disasters; enhanced information sharing and situational awareness through the reinvigoration of the California State Terrorism Threat Assessment Center, and the utilization of the State Warning Center in an all hazards capacity; our continued work to bolster communications and outreach efforts to statewide partners and citizens via multiple social media outlets; our newly enacted mutual aid agreements that will aid in disaster response and assistance; and, the development of new criminal justice programs, to include anti-human trafficking activities, supported through the American Recovery and Reinvestment Act.

These accomplishments represent only a fraction of what has been achieved, not only by Cal EMA, but by the dedicated professionals across our great state, and undoubtedly represent just the beginning of the work to be accomplished in years to come. Yet, they are significant in that they represent our full commitment to fostering meaningful and lasting partnerships and toward building a safe and resilient California.

-Secretary Bettenhausen

Cal EMA Receives \$2.5 million Crime Suppression Grant for Postconviction DNA Testing Assistance Program

DNA analysis has been recognized not only as a tool to prosecute and convict the guilty, but as a method to exonerate the wrongfully convicted. In 2001, the Northern California Innocence Project (NCIP) and the California Innocence Project (CIP) were beneficiaries of a one time only state grant awarded from the California Office of Criminal Justice Planning to conduct postconviction DNA testing.

Recently, the U.S. Department of Justice awarded Cal EMA Crime Suppression Section \$2.5 million in grant funds for a *Postconviction DNA Testing*

Assistance Program. This program is giving California's indigent inmates the opportunity to legally prove a claim of innocence with the aid of DNA testing. This funding opportunity is the first year that federal funds have been allotted to California for the purpose of enhancing the administration of justice and public safety by defraying the costs associated with conducting postconviction DNA case reviews and testing. Cal EMA intends to build on the previously established state program by introducing a unique funding opportunity for the NCIP and the CIP.

Funding for the two projects is designated for the purpose of investigating cases, researching evidence, and providing legal representation to convicted individuals who are attempting to establish their actual innocence with the use of DNA testing.

Funds will help defray the costs associated with postconviction DNA testing of cases that involve only forcible rape, murder and non-negligent manslaughter and in which among those cases actual innocence might be demonstrated.

New Tsunami Inundation Maps Continued

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developing and modeling off-shore earthquake and submarine landslide scenarios in order to identify the potential tsunami inundation for each coastal community.

"These maps show the maximum inland inundation as a product of the 40 different tsunami scenarios we looked at for California," states Rick Wilson from CGS who was the state scientific lead on the project.

The resulting 130 maps, which are based on the most up-to-date methodologies, cover vulnerable areas along the California coast, about 50% of the state's 840 mile-long coastline. These maps also encompass approximately 90% of the coast from Santa Barbara to the Mexico border, and 100% of the San Francisco Bay Area, the first time the state has developed tsunami inundation maps inside the Bay.

Funded through the National Tsunami Hazard Mitigation Program, the state program has worked with county and city emergency managers to help

incorporate these tsunami inundation maps into their emergency response plans. The finalized maps are now available to the public through the Cal EMA and CGS websites.

Jim Goltz, Manager of the California Tsunami Program at Cal EMA, stressed the importance of a well-educated and highly aware public, and how communities should be aware of natural and official warning signs. Natural warning signs include strong ground shaking, a loud ocean roar and an advancing wave on the horizon, or the water receding unusually far from the beach, exposing the sea floor.

"The public shouldn't wait for an official warning for a tsunami caused by a local earthquake. If you are on the coast and feel strong shaking, you should know to first protect yourself from the earthquake, then move to high ground and stay there," according to Kevin Miller, also with Cal EMA, working to map the threat along the coast.

"With the devastating Samoa Islands tsunamis fresh in our minds, Californians should identify if they are at risk to tsunamis where they live, work,

or play," Goltz said.

The state has developed updated brochures so that everyone can educate themselves in advance of tsunami hazards where they live or work.

The California Tsunami program recommends that the public visit the state websites below to see the new inundation maps, find links to local emergency preparedness and planning websites, and find out more about tsunami hazards and what they should do if a tsunami is coming.

For more information visit:
www.myhazards.calema.ca.gov,
 California Geological Survey
www.consrv.ca.gov/cgs, NOAA
 West Coast and Alaska Tsunami
 Warning Center,
www.catwc.arh.noaa.gov and
 Tsunami Research Center at
 University of Southern California
www.usc.edu/dept/tsunamis/2005/index.php.



Photo by Robert A. Eplett

Maldonado Visit Continued

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California as he will play an important role in shaping California's effort to remain a leader in prevention, preparedness, response, recovery and mitigation capabilities as Lieutenant Governor."

Following the briefing along with tours of the California State Warning Center and State Operations Center, Senator Maldonado spoke of his confidence in California's ability to respond to disaster.

"During my tenure in the Assembly and Senate, I've seen first-hand the impact of earthquakes, fires, floods and freezes on Californians and the importance of California's robust emergency management system in protecting lives, property and

the environment," said Sen. Maldonado. "Public safety is everything, and I can assure all Californians that we are prepared, the State is prepared, and Cal EMA is prepared to handle whatever emergency may come our way."

For more on Senator Maldonado's visit to Cal EMA, please visit :

<http://vimeo.com/channels/calema>



"Public safety is everything, and I can assure all Californians that we are prepared, the State is prepared, and Cal EMA is prepared to handle whatever emergency may come our way."

- Senator Abel Maldonado



Photo by Robert A. Eplett

Richard Devylder Appointed To National Advisory Council

On December 22nd, 2009, Craig Fugate, Administrator of the Federal Emergency Management Agency (FEMA), announced the appointment of Richard Devylder as the disability representative to FEMA's National Advisory Council (NAC). The NAC advises the Administrator of FEMA on all aspects of emergency management. In January 2008, the previous Governor's Office of Emergency Services (now Cal EMA) established the Office for Access and Functional Needs (OAFN), at which time Richard was appointed by Governor Arnold Schwarzenegger as Special Advisor to the Secretary.

OAFN's purpose is to identify needs of people with disabilities before, during and after a disaster; and integrates disability elements and resources into all aspects of emergency

management systems. It is important to consider that there isn't "a disability community", as the needs of disability groups are diverse and unique. The disability community has diverse opinions and approaches to resolving issues and changing systems. For the disability community, change isn't just about testifying at hearings, writing letters or holding rallies at the State Capitol, but changing the paradigm of planning and responding to become a process that is inclusive of the community.

The success of a paradigm is measured by: improved ability for people with disabilities and activity limitations to maintain independence, health and safety, during disasters; people with disabilities and activity limitations will be recognized as a significant part of the

population and will be active participants in planning and responding and communication, facilities, materials and services will be accessible in compliance with state and federal civil rights laws.

Richard will take the same philosophy and goals to the NAC to strengthen the method and planning of emergency management for people with access and functional needs.



Richard Devylder
Office of Access and
Functional Needs

Cal EMA Invests \$4.7 Million To Strengthen California's Cyber Security and Geographic Information Systems

To upgrade the State's technology systems and improve public safety, the California Emergency Management Agency (Cal EMA) announced, during a press conference held Monday, December 21, 2009 at agency headquarters, it will award approximately \$4.7 million to the Office of the State Chief Information Officer (OCIO). The funds will go toward developing a statewide digital mapping program, also known as geographic information systems (GIS) and cyber security projects.

This funding comes from the U.S. Department of Homeland Security (DHS) FY 2009 State Homeland Security Grant Program (SHSGP). Cal EMA is responsible for allocating funding to state and local public safety agencies to enhance their emergency management and homeland security capabilities.

"Protecting our State from the ever-changing threats in the cyber world is one of Cal EMA's top priorities," said California Emergency Management Agency (Cal EMA) Secretary Matthew Bettenhausen. "These funds will certainly advance our mission and ability to deter, prevent, prepare for, respond to, and recover from any incident of terrorism, as well as other natural or other man-made disasters. With the leadership of State Chief Information Officer Teri Takai we are working together to protect California with a variety of innovative and far-reaching projects."

Governor Arnold Schwarzenegger has made public safety his number one priority. The Governor's emphasis on this is shown by his unprecedented and successful efforts to champion Proposition 1B, which includes \$1 billion for transit safety and security. Along with Federal Homeland Security grants, it has provided California with vital security funds to protect residents and the State's critical infrastructure.

"Whether it is rogue individuals, criminal organizations, or nation-states, we have seen the damage that can be done by cyber attacks", said Bettenhausen. "Planning and thinking ahead can make a difference when facing these threats or when disaster strikes."

The SHSGP grant includes \$2,337,000 for the Office of Information Security, a division of the OCIO, to conduct a statewide cybersecurity risk assessment and implementation of a standard framework that will move the state toward a more consolidated approach to security throughout various agencies. By using common



Mark Weatherford, Director and Chief Information Security Officer for California Office of Information Security, Secretary Matthew Bettenhausen and Christy Quinlan, Chief Deputy Director, Office of State Chief Information Officer announce federal funding for cyber-security strategies

standards, equipment and risk management across the state, agencies will be able to better protect against cyber threats.

"California must do everything possible to stay ahead of the threats that face us everyday, whether they are computer attacks or natural disasters," said State Chief Information Officer Teri Takai. "These grants are critical to advancing our goals of better protecting state networks and having a more robust, accurate data system that will allow emergency workers to respond and help those in danger. We are grateful for the tremendous support given by the Department of Homeland Security and Cal EMA."

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2009 SAFER Application Period Extended to January 15, 2010

During the present difficult economic circumstances being experienced by local jurisdictions, many potential Staffing for Adequate Fire and Emergency Response (SAFER) grant applicants have expressed concern regarding the prohibition against using SAFER funds to supplant local budgets and the DHS Secretary's ability to waive the prohibition. DHS has revisited the existing policy on supplanting for the 2009 SAFER funding cycle. The DHS Secretary has decided that DHS will consider petitions for waivers on supplanting from 2009 grantees on a case-by-case basis and under certain conditions:

1. 2009 SAFER grantees that lose firefighters during the period of performance and find that they are unable to back-fill vacated firefighting positions due to documentable economic hardship may petition for a waiver. In order to qualify for this waiver, the economic hardship must affect the entire public safety sector in their jurisdiction, not merely the fire department.

2. The causes of the vacancies could include retirement, voluntary or involuntary separation, or calls to active duty in the reserves or National Guard.

3. In the absence of a granted waiver, the policies stated in the present guidance would still apply, i.e., vacancies caused by one of the circumstances cited in #2 above do not have to be replaced and will not cause a cancellation of the grant if not replaced. However, the amount of the allowable reimbursement of SAFER positions would be reduced by the number of vacated positions, not replaced. (Example – A grantee has 20 firefighters (FF's) and receives a SAFER grant for five more FF's. One of the 20 FF's retires and is not replaced. The grantee would then be eligible to receive reimbursement only for four FF's instead of the original five.)

4. The policy regarding the prohibition against layoffs has not changed. No waivers will be granted for layoffs and SAFER grantees are prohibited against laying-off any firefighters during

the SAFER grant's period of performance.

5. We remind applicants that while the previous requirement that newly created positions are maintained for an additional one year past the period of performance, there is no requirement to maintain the positions past the period of performance for awards made to rehire vacated or laid off firefighters.

In order for all potential applicants to have sufficient time to consider this revised policy guidance, DHS will extend the 2009 SAFER application period. The new application deadline will be 5:00 p.m., Eastern Time, Friday, January 15, 2010. Applicants that have already submitted their application and wish to amend the application given this new policy guidance will be granted that opportunity. Applicants that wish to amend their submitted SAFER application should call the Help Desk at 1-866-274-0960.

Cyber-Security continued

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Cal EMA also awarded \$1,353,000 for the Office of Information Security to pursue the Secureca.gov Domain Name System (DNS) Project which includes upgrading technology associated with managing the state's web and communication addressing. The upgrade increases security to prevent the hacking and compromise of the state IT infrastructure.

The grant also includes \$1 million for the development an enterprise information technology infrastructure to deliver address geocoding services. The effort will provide Cal EMA and supporting agencies with a single

comprehensive service for mapping critical infrastructure and key resources by assigning addresses to a map location. Secondly, this service will map locations required for incident response like command centers, shelters, vulnerable populations and gathering locations.

For further information regarding the grants and about the California Emergency Management Agency, visit: www.calema.ca.gov.

To view the recorded press conference, please visit :

<http://www.ustream.tv/recorded/3316378> .



California Transit Agencies Receive \$29 Million in Homeland Security Grants

The U.S. Department of Homeland Security (DHS) announced allocations for the FY 2010 Transit Security Grant Program (TSGP). The FY 2010 TSGP provides \$253 million to the Nation's high-threat urban areas for enhancement of security measures at critical transit infrastructure including bus, ferry, and rail systems. The purpose of the FY 2010 TSGP is to create a sustainable, risk-based effort to protect critical surface transportation infrastructure and the travelling public from acts of terrorism, major disasters, and other emergencies.

Of the \$225 million awarded nationally under the FY 2010 TSGP, California transit systems will receive \$29.3 million; \$19.8 million in the Bay Area and \$9.5 million in the greater Los Angeles Area. In addition, transit agencies in Fresno, San Diego and Sacramento are eligible for a share of \$27.3 million available under the competitive portion of the FY 2010 TSGP.

"These funds will certainly advance our mission and ability to deter, prevent, prepare for, respond to, and recover from any incident of terrorism, natural, or other man-made disasters," said California Emergency Management Agency (Cal EMA) Secretary Matthew Bettenhausen.

Governor Arnold Schwarzenegger has made public safety his number one priority. The Governor's unprecedented and successful efforts to champion Proposition 1B, which includes \$1 billion for transit safety and security, has provided California with vital security funds to protect residents and the State's critical infrastructure.

"I am extremely pleased to see these federal homeland security funds. These funds will help us

protect our transit systems by using visible, unpredictable deterrence measures and conducting awareness training, emergency drills and exercises for key personnel. Transit security grants are critical to work we are doing at the state level in conjunction with our local partners to make Californians safer and more secure," added Secretary Bettenhausen.

The following transit systems in the greater Los Angeles area will be eligible for a total of \$9.5 million: Los Angeles County Metropolitan Transportation Authority; Orange County Transportation Authority; Long Beach Transit; Southern

City of Alameda Ferry Services; City of Vallejo Transportation Program; Central Contra Costa Transit Authority; Golden Gate Bridge, Highway and Transportation District; Santa Clara Valley Transportation Authority; San Mateo County Transit



Santa Monica's Big Blue Bus—Photo by Amanda Lovelee



Golden Gate Bridge—Photo by Albert Cuetos

California Regional Rail Authority (Metrolink); City of Los Angeles Department of Transportation; Foothill Transit; Montebello Bus Lines; Omnitrans (San Bernardino) and Santa Monica's Big Blue Bus.

In the San Francisco Bay Area, the following transit systems will be eligible for a total of \$19.8 million: San Francisco Bay Area Rapid Transit District (BART); San Francisco Municipal Railway (MUNI); Altamont Commuter Express (ACE); Peninsula Corridor Joint Powers Board (Caltrain); Alameda-Contra Costa Transit District;



Bay Area Rapid Transit (BART) - Photo by Thomas Hawk

Authority and Transbay Joint Powers Authority.

For further information regarding the grants and about the California Emergency Management Agency, please visit our website, www.calema.ca.gov.



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